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GENERAL AND REVENUE SECRETARIAT

P8

1906

(Municipal)

File No. 96-05

Serial Nos. 6

Papers Filed.

Month February 1906

SUBJECT

Water Supply to Chikmagalur

PREVIOUS REFERENCES

LATER REFERENCES

Mil 341-08 (1-5 P8 19)

R. S 11] 1906

GENERAL AND REVENUE SECRETARIAT

(Municipal)

NOTES.

File No 96

FILE HEADING

Water Supply to Chickmagalur

From The Chief Engineer of Mysore

No. 659 Dated 1.2.06 Received 2 2 06

ary No 6191	Enclos / Spare Copies.	Serial No 6

BRIEF ABSTRACT OF LETTER.

Reports on the working of the Chickmagalur Municipality.

NOTES AND ORDERS

The correspondence on the subject was transferred to D O N Secretariat for disposal on 16 2 1906

NOTES—First sheet.

MGGPB—30,000—17-2-06.

D6191

Rl 96-05 Sl6

Mysore Public Works Department,

No. 659 Central Office,

Dated Bangalore 1st February 1906.

From,

W.Mc Hutchin Esquire,M.I.C E ,

Chief Engineer of Mysore.

To,

B.K.Venkata Varada Iyengar Esquire,

Secretary to the Government

of H.H.the Maharajah of Mysore,

General and Revenue Departments.

Sir,

With reference to Government Proceedings No.6736-7/M1 (96--05)-3 dated 28-12-1905 ,stating that the report on the project of the Bhutanawari anikat for augmenting the water supply of the Chickmagalur Town,will be awaited,I have the honor to for--ward the enclosed copy of Kadur Division Executive Engineer's No.8 of the 6th ultimo ,submitting a detailed report on the subject with my marginal remarks and to inform you that the Executive Engineer has been directed to submit an estimate for the repairs required to be carried out,also an estimate for the annual maintenance of the water supply system,which the Superin--tending Engineer thinks should be placed in charge o the P.W. Department,the Municipality contributing the necessary funds.It is also suggested that irrigation under the feeder channel shoul be done away with so that the ryots may not tamper with the channel The Executive Engineer has been asked to estimate the compensation that may be required to be paid in this case.

II As expressed by me on several occasions,the water supply from the present source is ample if the available supply is properly looked after and conserved.

I have the honor to be,

Sir,

Your most obedient servant,

Lieut.R.E ,

For Chief Engineer of Mysore.

Mal 96-05 Sl 6.

Docket no 8 dated 6th January 1906 from the Executive Engineer, Kadur Division, to the Superintending Engineer, Western Circle

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His no 4553 dated 27 9 05 and subsequent reminders requesting to report in detail whether it is necessary to supplement the water supply to the Chikmagalur town and whether any further investigation has been made re the Ponthanvan Project

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With reference to the above has the honour to report that undersigned in company with no 1 Sub Divisional officer inspected the Dodda Chamal and the impounding Reservoir on the 15th December 05 and the result of investigation is hereunder detailed:

The total Cost of Construction and subsequent improvements thereon amounts to Rs 1,09,100/- up to date of which an Sum

of Rs 1,986 has been incurred in improving the feeder Channel. This feeder channel is fed by 3 small perennial streams named locally - the Agalkhan Khul, Dawadkhan Khul and Benakhan Khul - which obtain their source from the direction of Mullangere and lead towards affecting the drainage of the Impounding Reservoir, which thus totals 1 25 Sq. miles

2 (a) During the time of restoration in 1900 Masonry body walls & rough stone pitching across the Agalkhan Khul at the head of the feeder Channel were Constructed in 3 different Sections for a total length of 220 feet at a Cost of Rs 1,170

(b) A regulating Dam & Supply only drinking water to Arakeppa Village was also Constructed across the Bena Khan Khul at a Cost of Rs 61/-

(c) Three Madaboy Sluices were also built across Agal-Khan Khul at a cost of Rs 165/- Of these, the first one at 5/- is intended for drinking-water-supply to Kalla Devarpura and the remaining two at 6/- and 1/2 for irrigating about 60 acres of wet lands

(d) The total length of Agal-Khan Khul Channel from the Head works to Emponding Reservoir is about 2 1/4 miles

3 The present Condition of masonry works and feeder Channels are —

(1) No repairs have been done to the masonry works at the Head Works and Madaboy Sluices after the restoration, Consequently they are in urgent need of petty repairs to make them water-tight.

(2) The original bottom

Divl Engineer's remarks

they do not the Municipality should Executive Engineer himself member) see to their proper main names, whose own water supply is dependent on these works which are now found to be okay.

width of Channel is greatly reduced due to growth of weeds &c and fauna not having been cleared up to date

As above Now is in most unsatisfactory.

3 The reeds have encroached and ploughed their way back up to the very toe of the Channel bank and in some places this action will lead towards eventual destruction of the bank.

in above

4 The Channel is entirely silted up and also the very small supply now available which should flow to the Impounding Reservoir is intercepted by the reeds for irrigation purposes by means of unauthorized cuts across the Channel bank notwithstanding the fact of the existence of the 3 authorized Masonry built sluices originally designed for this purpose and by the Contravention of this action,

As above

a very nice state of things this

action, the channel bank has been weakened - also the Conservancy of same has been Completely neglected, and an inspecting officer has to cut his way through the Vegetation now in luxuriant growth

5 The above mentioned irregularities - very the utter negligence of the people Concerned in not attending to their legitimate responsibilities since date of restoration of the Channel, is further to Callousness on the part of the Municipal authorities in maintaining the feeder Channel in an efficient working order - although aware of the fact of it being the main source of supply to the impounding Reservoir have resulted in the insufficient storage of water in the impounding Reservoir and Consequent Scarcity felt by the town of

buy the people only? What was the Municipality doing to conserve their own water supply?

Bikanagalur on account of
drinking water during the
last year and the resulting
complaints leading to necessity
of this reference

The reason for augmentation
of supply by means of Ramanahalli
Channel during the last year
was duly investigated and
found to be due to the obstruction
of the pipeing between Storage
and filtering reservoirs by
means of the insertion of stones
of substantially large size (by
some mischievous persons un-
doubtedly during time of
laying of these pipes before
the undersigned's advent in
the District) to block up the
area of the pipeing and the
position of the obstruction
was located and same
removed under undersigned's
instructions and in the

undersigned opinion the use
of the Ramenahalli Channel
supply would have been un-
necessary, had this obstruction
not existed in addition to the
neglect of the efficient Condition
of the feeder Channel

I thought all along

6 As regards the supply available
in these 3 perennial streams or
say in the feeder Channel,
the undersigned is of opinion
that if the damaged masonry
works be repaired and the
Channels put in action in a
perfect manner and if proper
Conservancy is insisted upon
by rigid enforcement of
rules as to the future —
Maintenance of the feeder
Channels in thorough order
Continuously, year by year,
the supply of water will be much
all the requirements of the
town of Chikmagalur the

The accompanying Copies of gauge readings taken in 1898 in connection with these 3 Channels at 4 different points (as in the enclosed tracing) clearly prove beyond doubt that Spring water is available for use, even during the hottest season of the year - viz between march and May

) The present reservoir usually fills on several occasions during the rainy season owing to its geographical location in the Malnad tracts During 1890, the rainfall gauged was 23.17 inches as against 22.50 during 1905 — these being the lowest between the years 1888 and 1905 The measurement of discharge during 1890 as recorded in this office was 0.592 cft per second as against 0.386 cft per second actually calculated for the requirements

requirements of the town - This data was arrived at by reason A Govindacharlu and D Sanyasi Rao during the years 1890 and 1896 respectively

8/7 Further the Memorandum of Mr W McHutchin the then Superintending Engineer dated 22 4 1897 after his personal inspection of the localities on the 21st April 1897 shows that the water supply available from the present feeder channel will be ample during the hot-season if properly controlled and regulated

9 Bearing the above facts in mind, the undersigned is not inclined to advocate the idea of further action in the direction of the Bhutanwari project which

he has also recommended and given detailed instructions re elaboration thereof, should any occasion occur in the future which the undersigned considers very doubtful, provided the Municipality are alive to their interests in connection with the present source of supply.

10 The Superintending Engineer's orders are awaited as to the preparation of an estimate for renovation of the present feeder Channel and works connected therewith, for Sanction

"Copy"

Yours faithfully

For Chief Engineer

of Bengal

WBS.